

$$I_3^{\{D=4\}}(0, s, 0; m^2, 0, 0)$$

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Expression valid in the region  $s < 0, m^2 > 0$ ,

$$I_3^{\{D=4\}}(0, s, 0; m^2, 0, 0) = \frac{1}{s} \left( \frac{1}{2} \ln^2 \left( \frac{-s}{m^2} \right) + \text{Li}_2 \left( 1 + \frac{m^2}{s} \right) + \frac{\pi^2}{6} \right)$$